

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

December 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
23	2316	B: ETT HER C: BDV GCK EBR HTY GUI	03	1023-1041	NAG (si: HRB)
29	0538	A: VAL* CLF* HRB* NAG* EBR* HTY GUI* HYB ETT B: NGK* BDV* GNA HER* CNB C: NUR GCK	11	0800-0824	BDV+GNA+HER CNB+
			13	1424-1454	NGK BDV+ NAG EBR HER (si: HRB)
			26	1226-1236	BDV+
			28	0345-0403	GNA+ CNB+
30	2009	A: GUI HYB ETT B: NGK* VAL BDV* NAG* EBR GNA* HER* CNB C: GCK* HTY	30	1543-1600	GUI

REPORTING OBSERVATORIES (up to the 6th of February 2002):

SOD NUR NGK VAL BDV CLF HRB NAG GCK EBR HTY GUI HYB ETT GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).